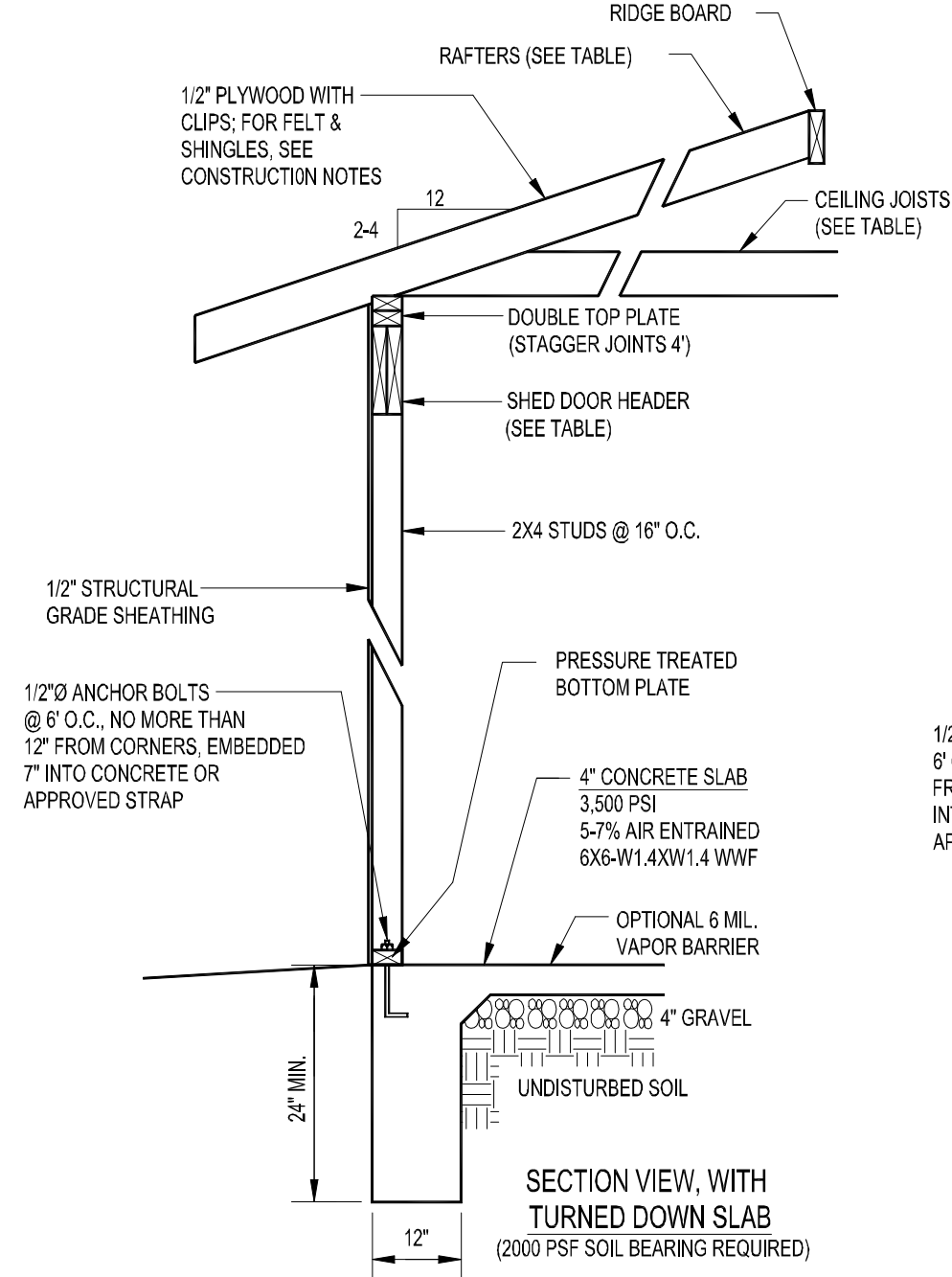


TYPICAL SHED DETAILS

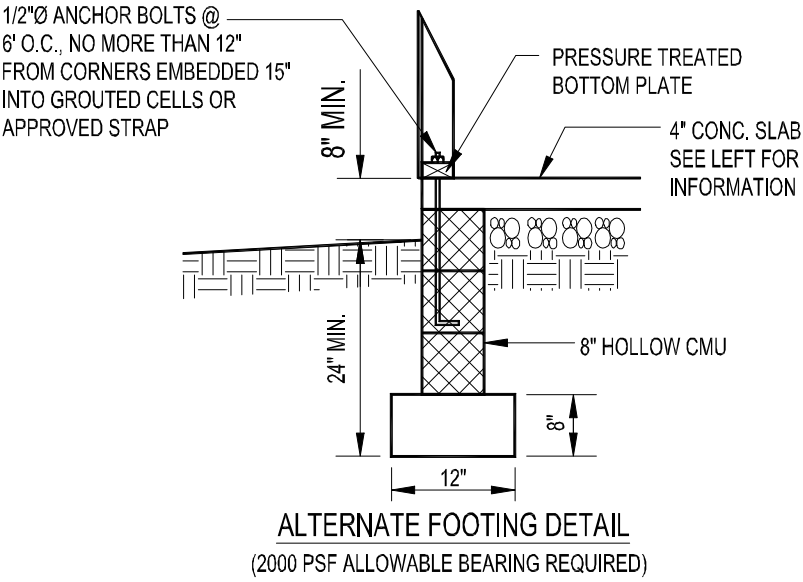


ROOF CONSTRUCTION TABLE:

SHED DEPTH (D)	RAFTERS	CEILING JOISTS	RIDGE BOARD
10'	2X6 @ 24"O.C.	2X6 @ 24"O.C.	2X8
15'	2X6 @ 24"O.C.	2X6 @ 24"O.C.	2X8
20'	2X6 @ 16"O.C.	2X6 @ 16"O.C.	2X8

TABLE NOTES:

- ROOF MEMBERS MUST HAVE THE FOLLOWING MINIMUM STRENGTH SPECIFICATIONS FOR HEM-FIR#2:
 $F_v = 75 \text{ PSI}$
 $E = 1.3 \times 10^6 \text{ PSI}$
- RAFTER SIZES ARE BASED ON A MAXIMUM 1 FOOT ROOF OVERHANG.
- NOTCHING OF RAFTERS AT THE TOP PLATE SHALL NOT EXCEED 1/6 OF THE DEPTH OF THE RAFTER.
- ATTIC STORAGE IS NOT ALLOWED.



TYPICAL SHED DETAIL

A DETACHED SHED CONSTRUCTED IN ACCORDANCE WITH THIS DETAIL DOES NOT REQUIRE A PLAN SUBMITTAL. A BUILDING PERMIT AND PLAN SUBMITTAL IS NOT REQUIRED FOR DETACHED SHEDS IF THE AREA IS LESS THAN 150 SF.

CONSTRUCTION NOTES:

- STUD GRADE LUMBER OR BETTER SHALL BE USED FOR STUD WALL FRAMING. HEM-FIR#2 OR BETTER SHALL BE USED FOR ALL OTHER FRAMING.
- A PANEL SPAN RATING OF 24/0 IS REQUIRED FOR 1/2" PLYWOOD ROOF SHEATHING.

ROOFING UNDERLAYMENT:

ROOF SLOPE	SHINGLES	WOOD SHAKES
2:12 TO 4:12	2 LAYERS #15 FELT	1 LAYER #30 FELT
> 4:12	1 LAYER #15 FELT	1 LAYER #15 FELT

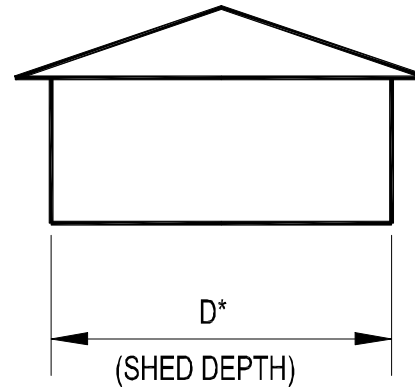
CONNECTION TABLE:

CONNECTIONS	NAILING METHOD
DOUBLE TOP PLATE	FACE NAIL, 16d @ 24" O.C.
TOP PLATE TO STUDS	FACE NAIL, (2) 16d
STUD TO SOLE PLATE	TOE NAIL, (2) 16d
DOUBLE STUDS	FACE NAIL, 16d @ 24" O.C.
BUILT UP HEADERS	32"O.C. AT TOP AND BOTTOM, STAGGERED; (2) 20d AT ENDS
ROOF RAFTERS-TO-RIDGE BOARD	TOE NAIL, (4) 16d
CEILING JOISTS-TO-RAFTERS	FACE NAIL, (3) 16d
CEILING JOISTS-TO-TOP PLATE	TOE NAIL, (3) 8d
RAFTER-TO-TOP PLATE	TOE NAIL, (2) 16d

INSPECTION:

IF THE SHED CONSTRUCTION REQUIRES A BUILDING PERMIT, INSPECTIONS ARE REQUIRED. A FOOTING, FRAMING AND FINAL INSPECTION WILL BE REQUIRED. A SEPARATE ELECTRICAL PERMIT AND INSPECTION MAY BE REQUIRED IF ELECTRICAL WORK IS BEING PERFORMED. SEE BELOW TO SCHEDULE AN INSPECTON.

703-222-0455 VOICE, M-F, 8 a.m. - 4:20 p.m.
 703-222-2474 AUTOMATED, 24 hrs. a day, 7 days a week
 www.co.fairfax.va.us/isisnet ONLINE, 24 hrs. a day, 7 days a week



* MAXIMUM DEPTH 20 FEET WITH A 1 FOOT ROOF OVERHANG

HEADER TABLE:

OPENING SIZE	HEADER SIZE
UP TO 6'	(2) 2X8
8'	(2) 2X10
9'	(2) 2X12

HEADER TABLE NOTES:

- HEADERS MUST HAVE THE FOLLWING MINIMUM STRENGTH SPECIFICATIONS FOR HEM-FIR #2:
 $F_v = 75 \text{ PSI}$
 $E = 1.3 \times 10^6 \text{ PSI}$
- USE (2) 2X4 HEADER JACKS TO SUPPORT THE HEADER.

ZONING REQUIREMENTS:

ALL SHEDS MUST COMPLY WITH SETBACK REQUIREMENTS AS SET FORTH BY THE COUNTY ZONING ORDINANCE. CONTACT THE ZONING PERMIT REVIEW BRANCH AT 703-222-1082 FOR MORE INFORMATION.

